Contents

[1. Intro 2](#_Toc89701827)

[Basic Intro Command 2](#_Toc89701828)

# Intro

Features of Git:

It stores the snapshot not the differences so the only file which is changed will be stored and disk space will be saved.

Almost every operation is local. You can work on your local machine and then push those changes to the centralised repository.

Git has integrity. Git generates SHA-1 Checksum for each and everychange, so only those who have access can modify files.

Git generally adds data. So as you change the versions it stores them.

Github: Github is a hosting website which hosts Git repositories. Git is free to use but Github charges for managing those files. There are also alternative websites which host git repositories like BitBucket, Gitlab etc. Among these Github is most popular.

# Basic Intro Command

git config –- global user.name “Ann” git config –- global user.email “asb.anniruddh.singh@gmail.com” /\*above two code to configure git username and email\*/ git config –- list /\*to get list of all initials store to point git eg username or email\*/ git config user.name /\*to get username from git repository\*/

**$ touch .gitignore /\*git will create new file name gitignore inside repository need to be deploy on git\*/ /\*the folder named inside gitignore will be ignored by git\*/ $ git init /\*initialized git folder\*/ $ git add . /\*to add git folder\*/ $ git commit -m “Initial commit” /\*to make changes in initial commit\*/ $ git status /\*to check whether git folder is ready to get published or not\*/ git branch -M main /\***to push element in main branch\*/ **git remote add origin** [git@github.com:a1nn1997/chatbot1.0.git](mailto:git@github.com:a1nn1997/chatbot1.0.git) /\*to deploy project in this remote link\*/ **git push -u origin main /\*final sep to push file in github repository\*/**